Colour photographic silver halide material

Abstract

A colour photographic silver halide material comprising a substrate, at least one redsensitive silver halide emulsion layer containing at least one cyan coupler, at least one green-sensitive silver halide emulsion layer containing at least one magenta coupler and at least one blue-sensitive silver halide emulsion layer containing at least one yellow coupler, characterised in that the silver halide crystals of the redsensitive layer have a chloride content of at least 95 mol %, the cyan coupler corresponding to formula

$$R^4$$
 SO_2 CHCONH $NHCOR^2$ (I)

wherein

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R¹ represents a hydrogen atom or an alkyl group,

R² represents an alkyl, aryl or hetaryl group

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R³ represents an alkyl or aryl group,

R⁴ represents an alkyl, alkenyl, alkoxy, aryloxy, acyloxy, acylamino, sulphonyloxy, sulphamoylamino, sulphonamido, ureido, hydroxycarbonyl, hydroxycarbonylamino, carbamoyl, alkylthio, arylthio, alkylamino or arylamino group or a hydrogen atom and

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Z represents a hydrogen atom or a group which may be split off under the conditions of chromogenic development and

the red-sensitive layer contains at least one compound of formula

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wherein

R⁵ represents H, CH₃ or OCH₃,

R⁶ represents H, OH, CH₃, OCH₃, NHCO-R⁷, COOR⁷, SO₂NH₂, NHCONH₂ or NHCONH-CH₃ and

 R^7 represents C_1 to C_4 alkyl,

is distinguished by very good stability in storage simultaneously with very good latent image stability.